

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60901 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 19 2012

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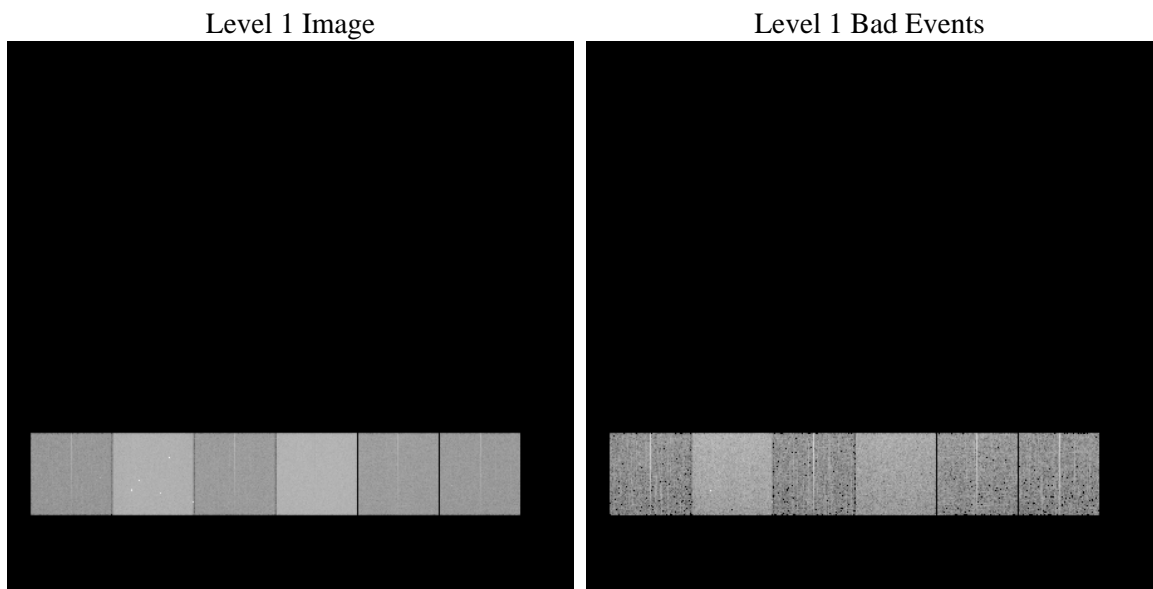
1 Front

seq_num	 	Sequence number
obs_id	60901	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	93.727009988975	Nominal RA [deg]
dec_nom	-0.19057719850394	Nominal Dec [deg]
roll_nom	346.29934856762	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8361.5999688506	Sum of GTIs [s]
livetime	8255.720355294	Livetime [s]
ontime4	3191.1252331436	Sum of GTIs [s]
ontime5	8361.5999688506	Sum of GTIs [s]
ontime6	3550.8378095925	Sum of GTIs [s]
ontime7	8361.5999688506	Sum of GTIs [s]
ontime8	3635.1854851842	Sum of GTIs [s]
ontime9	3447.0022065341	Sum of GTIs [s]
l2events	1264908	Number of level 2 events

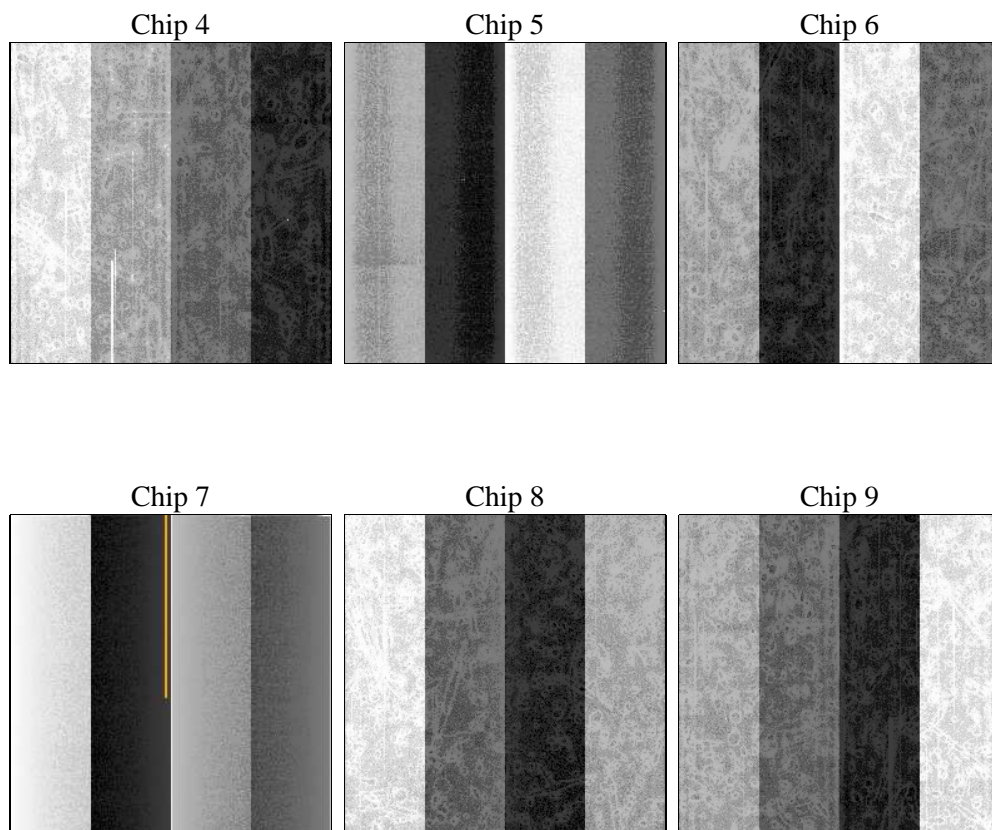
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8361.5999688506	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	3191.1252331436	Sum of GTIs [s]
date	2012-10-19T19:41:48	Date and time of file creation	ontime5	8361.5999688506	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3550.8378095925	Sum of GTIs [s]
			ontime7	8361.5999688506	Sum of GTIs [s]
			ontime8	3635.1854851842	Sum of GTIs [s]
			ontime9	3447.0022065341	Sum of GTIs [s]
			l1events	1545015	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	160248	396049	187926	429462	195256	176074	grade 0 events	78248	80702	88697	97074	92304	83820
rejected events	26287	61023	27218	48516	29841	26427		48%	20%	47%	22%	47%	47%
rejected %	16%	15%	14%	11%	15%	15%	grade 1 events	579	288	484	266	474	453
								0%	0%	0%	0%	0%	0%
							grade 2 events	21849	121950	27963	85455	28989	25762
								13%	30%	14%	19%	14%	14%
							grade 3 events	8995	20912	10001	38927	10692	9620
								5%	5%	5%	9%	5%	5%
							grade 4 events	8952	20458	10001	38954	10666	9608
								5%	5%	5%	9%	5%	5%
							grade 5 events	1585	9978	1790	8846	2102	1805
								0%	2%	0%	2%	1%	1%
							grade 6 events	17378	95175	25689	124994	24520	22362
								10%	24%	13%	29%	12%	12%
							grade 7 events	22662	46586	23301	34946	25509	22644
								14%	11%	12%	8%	13%	12%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	93.72700998897535	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-0.190577198503935	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	346.2993485676205			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	157667641.387872	157667640.36316			
Observation start date	2002-12-30T20:34:01	2002-12-30T20:34:00			
[s] Observation end time (MET)	157690480.438827	157690479.41411			
Observation end date	2002-12-31T02:54:40	2002-12-31T02:54:39			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.11.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3615999688506

A.2 Comments